

PRODUCT DATASHEET

GLOBAL TAG UHF 7012



Global Tag **UHF 7012** is a RFID UHF antenna design which has been designed to offer high performance, despite a reasonable dimension. Size of this antenna design is 70x12mm.

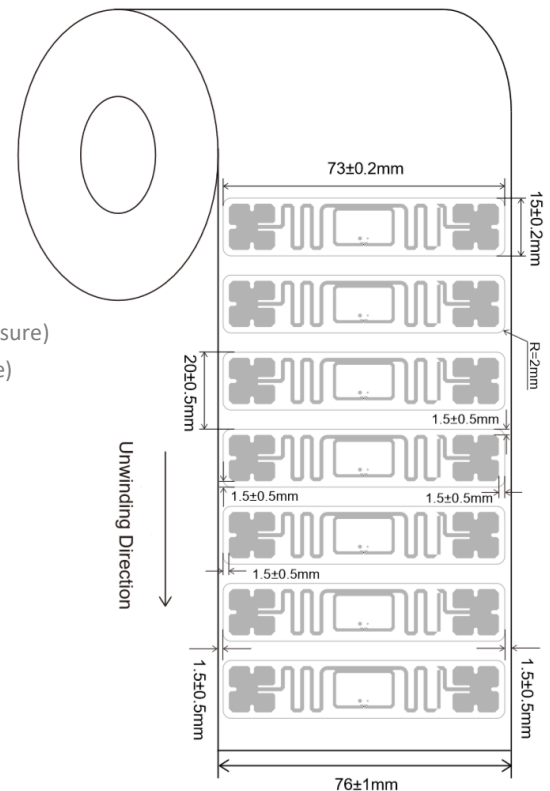
This RFID tag enables a long reading distance, thanks to its antenna design. The suggested applications fields are RFID waste management, retail, cloths inventory, logistic management.

Different customizations are available such as die-cut label size, encoding of EPC/memory, or content printing.



MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

- Antenna Size:** 70x12mm
- Wet inlay size:** 73x15mm
- Paper/PP/PET label size:** 73x15mm
- Pitch Size:** 20mm
- Gap:** 5mm
- Web Width:** 76mm
- Mounting System:** Glue, (optionally 3M 467 adhesive or Removable Glue)
- Material:** Dry-inlay, Wet-inlay, Paper, PP or PET
- Antenna Material:** Aluminum
- Storage Temperature:** +10°C to +35°C (sealed in the vacuum bag and avoid direct sunlight exposure)
- Storage Humidity:** 30% to 70% RH (sealed in the vacuum bag and avoid direct sunlight exposure)
- After gluing Temperature:** -20°C to +50°C
- After gluing Humidity:** 20% to +80% RH
- Delivery format:** in reel



IC CHIP SPECIFICATION

Operation Frequency	UHF 860-960 MHz
Air interface protocol	UHF EPC Class 1 Gen 2
IC Type Available	NXP U-Code 8
TID Memory	96bit
EPC Memory	128bit
User Memory	-

READING DISTANCE

With long range fixed reader: ----- EU frequency 0 ~ 10m (2W ERP) ----- US frequency 0 ~ 11m (4W EIRP)

INSTALLATION MODE

With permanent strong glue: when mounting the tag with adhesive background, clean and dry the surface to obtain the maximum bond strength. The range temperature must be +10°C to +40°C and humidity range 20% to +80% RH



CUSTOMIZATION OPTIONS

Printing: 4-color or monochrome logo, Progressive number, Serial number from database, Barcode or QRCode.

Encoding: Writing contents in EPC/User Memory (optionally from customer's database)

3M glue: According to the project requirement and basing on the surface material we can supply special adhesive

ORDER INFORMATION

Standard products have these available size

PRODUCT CODE WET-INLAY: GT-WT7315-U8

PRODUCT CODE PAPER LABEL: GT-PL7315-U8

PRODUCT CODE PET LABEL: GT-PET7315-U8

PRODUCT CODE PP LABEL: GT-PP7315-U8

For further information or customization request:

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DISCLAIMER

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